

SEQUENCE LISTING



<110> Yamamura Ken-ichi  
Araki Kimi

<120> TRAP VECTORS AND GENE TRAPPING USING THE SAME

<130> 4456-0101P

<140> 10/030,658

<141> 2002-01-11

<150> JP99/200997

<151> 1999-07-14

<160> 14

<170> PatentIn Ver. 2.0

<210> 1

<211> 13

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:synthetic DNA

<400> 1

taccgttcgt ata

13

<210> 2

<211> 13

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:synthetic DNA

<400> 2

tatacgaacg gta

13

<210> 3

<211> 34

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:synthetic DNA

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ataacttcgt atagcataca ttatacgaag ttat

34

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<210> 5  
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<212> DNA  
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<223> Description of Artificial Sequence:synthetic DNA

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tatacgaagt tat 13

<210> 6  
<211> 34  
<212> DNA  
<213> Other

<220>  
<223> Homologous recombination sequence

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<220>  
<223> Z1 forward primer used in PCR for B-geo detection

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<213> Artificial Sequence

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<223> Z2 reverse primer used in PCR for B-geo detection

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<220>  
<223> Ori2 forward primer used in PCR for detecting the replication

origin region in pUC vector

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tcaactttttt gcctatgcag attaatacta acaagagcaa ggatgctact gcaagtcttc 180
caaagagaga gatgacaacg tcagcacagt gcaaagagtt gtttgcttct gctctaagta 240
atgacctttt gcaaaactgt caatctctga agaagatggg agagggggagc ctgcatggga 300
aacaccagat tgtaagcagg cttgttcaat cctgactata ttactaaagc tagttctatg 360
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ttacagaaac tacaggaagc ttatctggag tcagcatcac atctgaacta aatgaagaac 120  
tgaatgattt aattcagcgt ttccataatc agcttcgtga ttctcagcct ccagctgttc 180  
cagacaacag aagacaggca gaaagtcttt cattaactag agagatttct cagagcagaa 240  
atccctcagt ttctgaacat ttacctgatg agaaagtaca gcttttttagc aaaatgagag 300  
tactacagga aaagaacaag aaatggacaa attagttggg agaacttcat aaccttcgag 360  
atnagcatct gaacaactca tcatttgtgc cntcaacttc ncnccaaaga agtggg 416

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<223> n is a, c, g, or t

<400> 13

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gagtatatgg cttttccaaa accctctgna aagcagttct tctcttggag cagaaaagca 120
aaggaatcaa gaaacagccc gaagaggaag ctgaaaacac taagacacca tggttatatg 180
atcaagaagg tggagtagaa aaaccatttt tcaagactgg atttacagag tctgtagaga 240
aagntacaaa atagtanccg caaaaatcaa ccagatacaa gcaggagaag acgtcgggtt 300
gatgaagaat cccttggaag gcttttagcag tatgcctgat cctatagacc caacatcagt 360
aactaaaaca tttaaaacaa gaaaagcatc tgcccaggcc agcctggcct ctaaggacaa 420
aactcccaa tcaaagagta agaagaggat tctactcagc tgaaaagtag agttaaaaat 480
attg 484
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<212> DNA  
<213> Mus musculus

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aatctggaac actataacgg aaaggagttc gagaagctcc tggaggaagc tcaggccaac 120
atcatgaagt caattccaaa cctggagatg ccccagctt ccagcccagt gtcaaaggga 180
gatgcggcag gggataagct ggagctgtca g 211
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